| Inde | ex of | Claims | 3 |
|------|-------|--------|---|
|      |       |        |   |

Application/Control No.

10/646,638

Date

Examiner Harry S. Hong

Applicant(s)/Patent under Reexamination

JOHN G. KURTH

Art Unit

2614

| 7 | Rejected |
|---|----------|
| n | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

Claim

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                |   | Data       |              |              |  |              |              |  |              | _                   |
|----------------|---|------------|--------------|--------------|--|--------------|--------------|--|--------------|---------------------|
| Cla            | IIII  | Date       |              |              |  |              |              |  |              |                     |
| Final          | Original  | 1/21/07    | 18-2-07      |              |  |              |              |  |              |                     |
|                | 1   | 1          | J            |              |  |              |              |  |              |                     |
|                | 2   | 7          | ī            | <u> </u>     |  |              |              |  |              | П                   |
|                | 3   | 1          | П            |              | Г  |              |              |  |              |                     |
|                | 1<br>2<br>3<br>4<br>5<br>6                        | 1          | П            |              |  |              |              |  |              |                     |
|                | 5   | 1          |              |              |  |              |              |  |              |                     |
|                | 6   | 7          | $\Box$       |              | L  |              |              |  |              |                     |
|                |   | ファファファファファ |              |              | $\Box$   |              |              |  |              |                     |
|                | 8   | V          | Ц            |              | L  |              |              |  |              |                     |
|                | 9   | V          | 1            | _            | _  | _            | L            |  |              | Щ                   |
|                | 10  | 1          | Ш            | _            | _  | ┕            | ╙            | L  | L            |                     |
| <b> </b>       | 11  | 1          | Ш            | -            | <b>!</b>   | <u> </u>     | <u> </u>     | <u> </u>   | $\vdash$     | Щ                   |
| <b> </b>       | 12  | 1          | ╫            | <b> </b>     | <del> </del>                                     | ⊢            | <del> </del> |  | <u> </u>     | Ш                   |
| ļ              | 13  | 1          | ₩            | ├            | <del> </del>                                     |              | ├-           | _  | $\vdash$     | -                   |
| <u> </u>       | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | ファファ       | ╫            | ⊢            | <del> </del>                                     | <del> </del> | ├            | ⊢  | <del> </del> | $\vdash \vdash$     |
|                | 10  | 1          | Н            | $\vdash$     | -  |              |              | $\vdash$   | $\vdash$     | ${oldsymbol{dash}}$ |
| <u> </u>       | 17  | 1          | ₩            | ┢            | ⊢  | ⊢            | _            |  | <u> </u>     | Н                   |
|                | 19  |            | ╫            | ├-           | -  | -            | ├            | -  | -            |                     |
| -              | 18<br>19  | 7          | H            | ┈            | ⊢  | -            | ├            | -  | -            | Н                   |
|                | 20  | V          | H            | ╁            | ╁  | ├            | ┢            | -  | -            | $\vdash$            |
| <del> </del> - | 21  | V          | ╁            | ╁            | ┼  | -            | ├            |  | ┢            | Н                   |
|                | 22  | Ì          | ÷            | <del> </del> | ┢╌   | -            | ╁            | ┢  |              | Н                   |
|                | 22<br>23<br>24                                    | J          | _            | $\vdash$     | <del>                                     </del> | -            | ├-           | ┢  | $\vdash$     | Н                   |
|                | 24  | V          | ō            | 1            | <del>                                     </del> | $\vdash$     |              | _  | Г            | Н                   |
|                | 25  | 1          | ō            |              |  | 1            | Т            | Г  | Г            |                     |
|                | 25<br>26  | 1          | 0000         |              |  |              |              |  | $\vdash$     |                     |
|                | 27<br>28  | V          | V            |              |  |              |              | Г  |              | П                   |
|                | 28  | V          |              |              |  |              |              |  |              |                     |
|                | 29<br>30  | V          | П            |              |  |              |              |  |              |                     |
|                | 30  | V          | Ц            | L            |  | <u> </u>     | L            | <u>_</u>   | _            | Ц                   |
|                | 31  | 1          | Ш            | <u> </u>     | ┖  | L            | L            | _  | _            |                     |
| <u> </u>       | 31<br>32<br>33                                    | 14         | Щ.           | ↓_           | <b> </b>   | ـــ          | _            | <b>L</b>   | <b>!</b>     | Ш                   |
|                | 33  | 7          | 11           | ├-           | <b>!</b>   | <u> </u>     | ـــــ        | $\vdash$   | <u> </u>     | Ш                   |
|                | 34  | 7          | #            | -            |  |              | $\vdash$     | <u> </u>   | -            | -                   |
| <u> </u>       | 35  | 7          | ₩            | ⊢            | ├-   | -            | ├-           |  | -            | <del>   </del>      |
| <u> </u>       | 36<br>37  | V          | ₩            | ╀╌           | ├-   | $\vdash$     | ├            | <del> </del>                                     | $\vdash$     | $\vdash$            |
|                | 30  | 7          | ╫            | ├            | ├-   | ├            | ₩            | ├  | ├            | -                   |
| <del></del>    | 38<br>39  | J          | ╫            | ╁            | ┼─   |              | -            | ┢  | $\vdash$     | $\vdash$            |
| <del></del>    | 40  | 1          | ₩            | 1            | +-   | -            | $\vdash$     | $\vdash$   | $\vdash$     | Н                   |
| <b>-</b>       | 41  | Ť          | H            | ╁            | $\vdash$   | -            | ┢            | $\vdash$   | $\vdash$     | Н                   |
| <u> </u>       | 42  | Ť          | † <b>†</b> - | 1-           | ╁  | $\vdash$     | †            | <del> </del>                                     | $\vdash$     | Н                   |
|                | 43  | Ť          | ††           | T            | $t^-$  | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$     | П                   |
|                | 44  | Ì          | Ħ            | 1            | ⇈  | <u> </u>     |              | T  | ऻ            |                     |
|                | 45  | V          | 1            | 1            | T  |              |              | 1  | 1            | П                   |
|                | 46  | ₹          | V            | I            |  |              | L            | L  |              |                     |
|                | 47  | V          | 0            |              | L  | L            | L            |  |              |                     |
|                | 48  | 1          | 0            | 匚            | $\Box$   |              |              |  |              |                     |
|                | 49  | 1          | 0            | <u> </u>     | L  | <u> </u>     | ┕            | ┕  | <u> </u>     |                     |
| 1              | 50  | 1          | Q            | <u></u>      | L  |              | <u></u>      | 丄  | <u></u>      |                     |

| Final | Original                               | 1/21/07 | <000008-2-07 |  |  |              |          |          |              |  |
|-------|--|---------|--------------|--|--|--------------|----------|----------|--------------|--|
|       | 51                                     | 7       | ð            | _  | _  |              |          |          |              |  |
|       | 51<br>52                               | 77      | ō            |  |  |              |          | _        |              | П                                      |
|       | 53<br>54                               |         | 0            |  |  |              | _        | _        |              | $\neg$                                 |
|       | 54                                     | 7       | ō            |  | П  |              |          |          | _            | П                                      |
|       | 55                                     | 777     | V            |  |  |              |          |          |              |  |
|       | 56<br>57                               | 7       | ī            |  |  |              |          |          |              | П                                      |
|       | 57                                     | 7       | П            |  |  |              |          |          |              |  |
|       | 58                                     | 7       | П            |  |  |              |          |          |              |  |
|       | 59                                     | 7       | П            |  |  |              |          |          |              |  |
|       | 60                                     | 7777    | П            |  |  |              |          |          |              |  |
|       | 61                                     | 7       | $\prod$      |  |  |              |          |          |              |  |
|       | 61<br>62                               | 1       | $\coprod$    |  |  |              |          |          |              |  |
|       | 03                                     | 1       | Ш            |  |  |              |          |          |              |  |
|       | 64                                     | 7       | Ш            |  |  |              |          | _        |              | Ш                                      |
|       | 65                                     | 1       | Щ            | _  | <u> </u>   |              |          | L        |              | Ц                                      |
|       | 66                                     | 1       | Щ            | <u> </u>   |  |              | _        | _        | _            | Ш                                      |
|       | 67                                     | V       | Ш            | L_   | <u> </u>   | Ц            |          | _        | _            | Ш                                      |
|       | 68                                     | 1       | Щ            | <u> </u>   | _  | _            | _        | _        | _            | Ш                                      |
|       | 69                                     | V       | ╙            | <u> </u>   | _  |              | _        |          | L.           | Ш                                      |
|       | 70                                     | V       | Щ            | _  |  |              | L_       | _        | L.           | Ш                                      |
|       | 71                                     | 1       | Щ.           | _  |  | _            | _        | _        | <u> </u>     | Щ                                      |
|       | 72                                     | 1       | Н.           | ļ  | <u> </u>   | <u> </u>     | _        | L        | <u> </u>     |  |
|       | 71<br>72<br>73<br>74<br>75<br>76<br>77 |         | ╀            |  | <del> </del>                                     | $\vdash$     | ╙        |          |              | Н                                      |
|       | 75                                     | 1       | ₩            | <u> </u>   | <u> </u>   | <del> </del> | <u> </u> |          | $\vdash$     | Н                                      |
|       | 75                                     | V       | H            | -  | ⊢  | ⊢            |          | -        | $\vdash$     | Н                                      |
|       | 77                                     | 7       | ₩            | -  | -  | H            | ⊢        | ┝        | -            | H                                      |
|       | 70                                     | 1       | ╁╂╾          | -  | ⊢  | H            | ├        |          | ├─           | Н                                      |
|       | 79                                     | Ĭ       | ₩            | ├  | -  | -            | ┢        | -        | ┝            | Н                                      |
|       | 80                                     | ij      | H            |  | <del>                                     </del> | _            | $\vdash$ | ┝        | <del> </del> | H                                      |
|       | 81                                     | 1       | ╫            | <del>                                     </del> | ┪  | -            | H        | $\vdash$ | -            | ┢╌                                     |
|       | 81<br>82<br>83                         | Ì       | Н            | $\vdash$   | ┢  | -            |          |          | ┢            | Н                                      |
|       | 83                                     | 1       | Ħ            | <del>                                     </del> | ┰  |              | $\vdash$ |          | $\vdash$     | П                                      |
|       | 84                                     | V       | ††           | ┪  |  | $\vdash$     | $\vdash$ | Н        | $\vdash$     |  |
|       | 84<br>85                               | V       | $\sqcap$     | ऻ  | _  |              |          |          |              | П                                      |
|       | 86                                     | 7       | $\sqcap$     |  |  |              |          |          |              | $\Box$                                 |
|       | 87                                     | 1       | П            | Τ  | 1  | <b></b>      |          |          | Г            |  |
|       | 88                                     | 7 7 7   | П            |  |  |              |          |          |              |  |
|       | 89                                     | V       | П            |  |  |              |          |          |              |  |
|       | 90                                     | 1       | П            |  |  |              |          |          |              |  |
|       | 90<br>91                               | 1       | П            |  |  |              |          |          |              |  |
|       | 92                                     | 1       | Ц            | 乚  | L  |              |          | _        | <u> </u>     | L                                      |
|       | 93                                     | V       | Ш            | <u> </u>   | <u> </u>   | _            | _        | <u> </u> | _            | L                                      |
|       | 94                                     | 1       | Ш            | <u> </u>   | L.   | ļ            | _        | <u> </u> | ╙            | <u> </u>                               |
|       | 95                                     | V       | 11           | ļ  | ļ  | ļ.,          | _        | L        | ╙            | $oxed{oxed}$                           |
|       | 96                                     | 1       | #            |  | <b>├</b>   | <b>!</b>     | <u> </u> | <u> </u> |              | $\vdash$                               |
|       | 97                                     | V       | #            | -  | $\vdash$   | -            | -        | -        | ├-           |  |
|       | 98                                     | 1       | H            | ├  | ├  |              | ├        | ┢        |              | -                                      |
|       | 99<br>100                              | 1       | +-           | <del> </del>                                     | $\vdash$   | $\vdash$     | ⊢        | Ι        | ┼            | $\vdash$                               |
|       | 100                                    | ┸~      | V            | L  | <u> </u>   | Ь.           | <u> </u> | Ц.       | ـــــ        | نـــــــــــــــــــــــــــــــــــــ |

| Cla          | aim   | Date         |  |  |  |               |               |  |  |               |
|--------------|---|--------------|--|--|--|---------------|---------------|--|--|---------------|
|              | _   |              | KK8-2-01   |  | Γ  |               |               |  |  |               |
| <del>-</del> | Original  | 6            | 0  |  |  |               |               |  |  |               |
| Final        | ğ   | 5            | ائد ا  |  |  |               |               | 1  |  |               |
| u.           | Ö   | 7            |  |  | ·  |               |               |  |  |               |
|              |   |              | 8  |  | <u> </u>   |               | _             | ш  |  | $\dashv$      |
|              | 101   | 1            | V  |  | Ц  | L             | Ш             | Щ  |  | Ш             |
|              | 102   | <u> </u>     | V  |  | Ш  |               |               |  |  | $\Box$        |
|              | 103   |              |  |  |  |               |               |  |  |               |
|              | 101<br>102<br>103<br>104  |              |  |  | Г  |               |               |  |  |               |
|              | 105   |              |  |  |  |               |               |  |  |               |
|              | 106   |              |  |  |  |               |               |  |  |               |
|              | 107   |              | П  |  | _  | _             | $\overline{}$ |  | _  | П             |
|              | 105<br>106<br>107<br>108<br>109   | _            | Н  | $\vdash$   | $\vdash$   | _             |               |  |  |               |
|              | 100   | -            |  | $\vdash$   | $\vdash$   | $\vdash$      | ⊢             |  | _  | Н             |
|              | 110   | -            | ⊢  | H  | ┢  |               |               |  |  | Н             |
|              | 110<br>111  | ⊢            | ⊢  | ⊢  | ┝  | ┝             | ⊢             |  | H  | Н             |
| ├──          | 111   | $\vdash$     | ⊢  | $\vdash$   | $\vdash$   | ├             | -             | -  | Н  | Н             |
|              | 112<br>113  | -            | ⊢  | ├-   | -  |               | -             | $\vdash$   | Н  | ┝╼┤           |
| <u> </u>     | 113   | <b> </b>     | ├  | ⊢  | $\vdash$   | $\vdash$      | ⊢             | <u> </u>   | <u> </u>   | ⊢⊢            |
| ļ            | 114<br>115  | <u> </u>     | _  |  | <b> </b>   | <u> </u>      | $\vdash$      | <u> </u>   | <b>_</b> _                                       | Щ             |
|              | 115   | <u> </u>     | <u> </u>   | <u> </u>   | <u>Ļ</u>   | <u> </u>      | <u> </u>      | Ш  | L  | Ш             |
|              | 116<br>117  | L            |  | L_   | L  | <u> </u>      | <u>L</u>      | _  | L.   | Ш             |
|              | 117   | _            |  |  |  |               |               | <u> </u>   |  | Ш             |
|              | l 118   |              |  |  |  | Г             |               |  |  |               |
|              | 119   | Π            |  | Γ  |  |               | П             | Г  |  |               |
|              | 120   | T            |  | $\overline{}$                                    |  |               | Г             |  | Γ  | П             |
|              | 121   | T            | $\vdash$   |  | _  | $\overline{}$ | $\vdash$      | <del>                                     </del> | _  | 1             |
|              | 122   | 1            |  | H  | $\vdash$   | t             | ┢             | _  |  | $\Box$        |
|              | 123   | $\vdash$     | ┢  | ┢  | <del>                                     </del> | H             | 1-            | -  | -  | $\vdash$      |
| ├─           | 124   | H            | -  | ┢  | ⊢  | -             | ⊢             | ⊢  | ⊢  | Н             |
| <u> </u>     | 125   | ⊢            | ⊢  | ⊢  | ├  |               | ╁             | ⊢  | $\vdash$   | Н             |
|              | 125   | ╌            | -  | ⊢  |  | ├             | $\vdash$      | ⊢  | ┝  | ┝╌┤           |
| <u> </u>     | 120   | ├-           | -  | ├  | ⊢  | ⊢             | ⊢             |  | $\vdash$   | <del></del> - |
| <u> </u>     | 127   | -            | ╀  | <del> </del>                                     | ├  | ╀             | ⊢             | -  |  | $\vdash$      |
| <u> </u>     | 128   | ↓_           |  | -  | ⊢  | ├             | ├-            | -  | -  | $\vdash$      |
| <u> </u>     | 129   | 1            | ┕  | _  | _  | <u> </u>      | ├-            | ļ  | _  | Ш             |
| <u> </u>     | 130   | ┞_           | <u> </u>   | <u> </u>   | _  | ╙             | <u> </u>      | _  | L.   | Ш             |
|              | 131   | L            | <u> </u>   | L.   | <u> </u>   | ╙             | ╙             | <u> </u>   | <u>L</u>   | Ш             |
| L            | 132   | _            | 上  | 上  |  |               | L             |  |  | Ш             |
| L            | 133   | L            | L  |  |  |               | L             | L  | L  | Ш             |
|              | 134   | Ĺ            | Ĺ  |  |  |               | L             | Ĺ  |  |               |
|              | 135   | Г            |  |  | Γ  |               | 1             |  |  |               |
|              | 136   | П            | Π  |  |  |               | Г             |  |  | П             |
| <b> </b>     | 137   | Г            | Г  |  | Г  | Γ             | П             | П  |  | П             |
| $\vdash$     | 138   | 1            | 1  | T  |  | Т             | T             | 1  | $\overline{}$                                    | П             |
| $\vdash$     | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139 | 1            | <del>                                     </del> | <del>                                     </del> | 1  | t             | t -           |  | 1  | Н             |
| $\vdash$     | 140   | 1            | <del>                                     </del> | $\vdash$   | т  | т             | 1             | <del>                                     </del> | <del>                                     </del> | Н             |
|              | 141   | 1            | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$      | t             | ⇈  | <del>                                     </del> | $\vdash$      |
| <del></del>  | 142   | ╁            | $\vdash$   | <del>  -  </del>                                 | ╁╌   | $\vdash$      | 1             | $\vdash$   | ╁─   | H             |
|              |   | ↤            | -  | ┼  | ┼  | $\vdash$      | $\vdash$      | $\vdash$   | $\vdash$   | Н             |
|              | 143   | $\vdash$     | ┼  | $\vdash$   | ⊢  | $\vdash$      | ╁             | ₩  |  | $\vdash$      |
| <b>}</b>     | 144   | ₩            | ⊢  |  | <del> </del> —                                   | $\vdash$      | $\vdash$      | -  | ├-   | $\vdash$      |
|              | 145   | ⊢            | ├  | ⊢  | $\vdash$   | ┼-            | ⊢             | ╁  | $\vdash$   | $\vdash$      |
| <u></u>      | 146   | ╀            | -  | ⊢  | $\vdash$   | <del> </del>  | -             | -  | $\vdash$   | Н             |
| L            | 147   | 1            | -  |  |  | 1-            | 1             | -  |  | Ш             |
|              | 148   | <del> </del> | ┞  | ┖  | <b> </b> _                                       | ـــ           | <b>!</b>      | <b> </b>   | <del> </del> _                                   | Ш             |
| <u> </u>     | 149   | ↓_           | 1  | ┞  | ┞  | 1             | -             | <b> </b>   | <b> </b>   | $\vdash$      |
| I            | 150   | <u></u>      | 1  | 1  | 1  | L             |               |  | _  | ш             |